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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/051,197 | 01/22/2002 | Sung-Joo Kim | Q66435 | 9678 |

7590 04/05/2006
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EXAMINER

WILDER, PETER C

| ART UNIT | PAPER NUMBER |
|----------|--------------|
| 2623 | |

DATE MAILED: 04/05/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|------------------------------|------------------------|---------------------|--|
| Office Action Summary | Application No. | Applicant(s) | |
| | 10/051,197 | KIM, SUNG-JOO | |
| | Examiner | Art Unit | |
| | Peter C. Wilder | 2623 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 January 2002 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date: ____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date: ____ | 6) <input type="checkbox"/> Other: ____ |

DETAILED ACTION

Note to Applicant

Art Units 2611, 2614 and 2617 have changed to 2623. Please make all future correspondence indicate the new designation 2623.

Specification

The disclosure is objected to because of the following informalities: Page 12 line 1 discloses element 52 a LCD according to Figure 3 the element reference number should be 42.

Appropriate correction is required.

Drawings

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference character(s) not mentioned in the description: Figure 7 includes element S80, which is not in the text specification. Corrected drawing sheets in compliance with 37 CFR 1.121(d), or amendment to the specification to add the reference character(s) in the description in compliance with 37 CFR 1.121(b) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37

CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-10 are rejected under 35 U.S.C. 102(b) as being anticipated by Billock et al. (U.S. 5619249).

Referring to claim 1, Billock teaches a system for providing summary video information of video data (Figure 1 and Column 9 lines 14-18 and Column 9 lines 44-50 and Figure 6 element 42 teaches a still image), comprising:

an editing tool server (Figure 2 elements 22, 26, 24, 28, 20) which makes a video title list for a plurality of video data (Column 9 lines 12-13 teaches an interactive interface is provided), and edits the summary video information of each video data corresponding to the video title list (Merriam-Webster's Collegiate Dictionary 10th edition defines "edit" to mean: 1a: "to prepare for publication or public presentation," Figure 6 teaches the video categories element 50 and Column 9 lines 54-60 which teaches the

movies are prepared for public presentation by assigning movies to certain categories) and extracts the summary video information according to a requesting signal (Column 15 lines 15-41 and Figure 9D teach transmitting full-motion previews to the subscriber from the mass storage system element 24 in Figure 2, so the data is extracted from the storage system; Column 14 lines 13-21 and Figure 9B teaching the process of Figure 9D is done by user selection);

a preview encoder which provides a retrieving menu for the video title list to an external device connected to receive the video data (Figure 5 element 32 and element 30 teach a preview encoder which provides a menu, Figure 6, to external device element 34 a T.V. monitor in Figure 5), and properly align the summary video information for at least one of the video data on a screen (Column 9 lines 12-13 teaches an interface being to the viewer by element 30 which is aligned on the screen according to an example Figure 6); and

a stream server (Figure 2 elements 22, 26, 24, 28, 20; Column 4 lines 59-62 teaches a processing system) which transmits the extracted video title list and the summary video information to the external device (Column 4 lines 63-65 teaches the server receiving requests; Column 6 lines 17-18; Column 6 lines 45-49 teaches element 24 in Figure 2 containing the full-motion preview data/summary video information so the server element 22 has to transmit the data out; Column 8 lines 31-40 teaches receiving video program lists from the telecasting facility 12), when an output-requesting signal for the summary video information of the video data extracted from the external device is input (Column 6 lines 17-25 teaches the server receiving requests for video programs

and Column 15 lines 15-27 teaches the server element 22 in Figure 2 receiving requests for previews).

Referring to claim 2, depending on claim 1, Billock teaches the system wherein the summary video information comprises a synopsis, for each video data (Column 9 lines 12-19 teaches providing short segment previews of programs and any short segment of a preview is a synopsis of the program since the preview came from the program).

Referring to claim 3, depending on claim 2, Billock teaches wherein the editing tool server classifies the video data by category (Column 9 lines 54-56 teaches the programs being organized by category and Column 6 lines 52-60 and Figure 3 teach the telecasting facility element 12 in Figure 2 contains in the mass storage system data represented by Figure 3 which contains a classification and Category information (Column 7 lines 6-21) for the programs)

Referring to claim 4, depending on claim 3, Billock teaches wherein the editing tool server comprises the video data (Column 6 lines 51-56 teaches storing a video program which is video data), the video title list corresponding to the video data (Column 6 lines 44-49 teaches lists), and a database for storing the summary video information (Figure 2 element 24 and Column 6 lines 44-56).

Referring to claim 5, depending on claim 4, Billock teaches wherein the retrieving menu comprises a menu "Retrieving by category" for performing the retrieving operation by the category (Column 9 lines 54-65 and Figure 6 teach categories action, drama and comedy).

Referring to claim 6, Billock teaches a method for providing summary video information of video data (Figure 1 and Column 9 lines 14-18 and Column 9 lines 44-50 and Figure 6 element 42 teaches a still image), comprising the steps of:

making a video title list for a plurality of video data (Column 6 lines 45-51 and Figure 3 teaches lists and tables of video data), and editing the summary video information of each video data corresponding to the video title list (Merriam-Webster's Collegiate Dictionary 10th edition defines "edit" to mean: 1a: "to prepare for publication or public presentation," and Figure 6 teaches the video categories element 50 and Column 9 lines 54-60 which teaches the movies are prepared for public presentation by assigning movies to certain categories) and extracting the summary video information according to a requesting signal (Column 15 lines 15-41 and Figure 9D teach transmitting full-motion previews to the subscriber from the mass storage system element 24 in Figure 2, so the data is extracted from the storage system; Column 14 lines 13-21 and Figure 9B teach the process of Figure 9D is done by user selection);

providing a retrieving menu for the video title list to an external device so as to retrieve the video data (Figure 6 and Column 9 lines 24-28);

properly aligning the summary video information for at least one of the video data on a screen (Figure 6 and Column 9 lines 24-26 teach a menu that is properly aligned on the screen of television element 34 in Figure 5);

reprocessing the summary video information to be suitable for streaming thereof when a retrieving operation is requested through the retrieving menu (Column lines 54-62 and Figure 5 teach an encoder element 32 reprocessing the information); and

transmitting the extracted video title list and summary video information to the external device (Column 4 lines 63-65 teaches the server receiving requests; Column 6 lines 17-18; Column 6 lines 45-49 teach element 24 in Figure 2 containing the full-motion preview data/summary video information so the server element 22 has to transmit the data out; Column 8 lines 31-40 teach receiving video program lists from the telecasting facility 12) if an output-requesting signal for the summary video information of the video data extracted from the external device is input (Column 6 lines 17-25 teaches the server receiving requests for video programs and Column 15 lines 15-27 teaches the server element 22 in Figure 2 receiving requests for previews).

Referring to claim 7, depending on claim 6, see rejection of claim 2.

Referring to claim 8, depending on claim 6, see rejection of claim 3.

Referring to claim 9, depending on claim 7, see rejection of claim 4.

Referring to claim 10, depending on claim 6, see rejection of claim 5.


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peter C. Wilder whose telephone number is 571-272-2826. The examiner can normally be reached on 8 AM - 4PM Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Grant can be reached on (571)272-7294. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PW


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